

APPLICATION FOR PERMISSION TO CHANGE POINT OF DIVERSION, MANNER
OF USE AND PLACE OF USE OF THE PUBLIC WATERS OF THE
STATE OF NEVADA HERETOFORE APPROPRIATED

Date of filing in State Engineer's Office SEP 19 1983

Returned to applicant for correction.

Corrected application filed. Map filed May 15, 1980 under 39051

The applicant Elko Heat Co., a Nevada Corporation

%Chilton Engineering 421 Court of Elko
Street and No. or P.O. Box No. City or TownNevada 89801 hereby make^s application for permission to change the
State and Zip Code No.

Manner of Use of a portion

Point of diversion, manner of use, and/or place of use

of water heretofore appropriated under Permit No. 39052
(Identify existing right by Permit, Certificate, Proof or Claim Nos. If Decreed, give title of Decree and

Identify right in Decree.)

1. The source of water is Underground Well No. 3
Name of stream, lake, underground spring or other source.2. The amount of water to be changed 1.5 cfs
Second feet, acre feet. One second foot equals 448.83 gallons per minute.3. The water to be used for Commercial Use (Heat Extraction-consumptive)
Irrigation, power, mining, industrial, etc. If for stock state number and kind of animals.4. The water heretofore permitted for Commercial Use (Heat Extraction -(non consumptive)
Irrigation, power, mining, industrial, etc. If for stock state number and kind of animals.5. The water is to be diverted at the following point same as existing
Describe as being within a 40-acre subdivision of public survey and by course and

distance to a section corner. If on unsurveyed land, it should be stated.

6. The existing permitted point of diversion is located within SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 10, T 34 N, R 55 E,
If point of diversion is not changed, do not answer.
MDM, at a point from which the SE corner of said Section 10 bears S 77° 00' E
1,000 feet7. Proposed place of use same as Existing
Describe by legal subdivisions. If for irrigation state number of acres to be irrigated.8. Existing place of use Sections 9, 10, 11, 14, 15, 16, 21, 22, N $\frac{1}{2}$ Section 23, all
Describe by legal subdivisions. If permit is for irrigation, state number of acres irrigated. If changing place of use and/or
in T 34 N, R 55 E, MDM - City of Elko, Nevada
manner of use of irrigation permit, describe acreage to be removed from irrigation.9. Use will be from January 1 to December 31 of each year.
Month and Day Month and Day10. Use was permitted from January 1 to December 31 of each year.
Month and Day Month and Day11. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and
specifications of your diversion or storage works.) drilled and cased well equipped with
State manner in which water is to be diverted, i.e. diversion structure, ditches,
motor, pump, proper seals and pipeline to place of use.
pipes and flumes, or drilled well, etc.

12. Estimated cost of works \$100,000.00

13. Estimated time required to construct works 5 years

14. Estimated time required to complete the application of water to beneficial use 10 years

15. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

Estimated consumptive use: $1\frac{1}{2}$ cfs x 24 hrs./day x 365 days/year=

1086 acre feet/year

Please use map filed under 35612 to support this application

By s/William A. Nisbet

Agent

421 Court

Elko, Nevada 89801

Compared is/dcb dcb/br

Protested

APPROVAL

OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit to change the manner of use of a portion of the waters of an underground source as heretofore granted under Permit 39052 is issued subject to the terms and conditions imposed in said Permit 39052 and with the understanding that no other rights on the source will be affected by the change proposed herein. This source is located within an area designated by the State Engineer pursuant to NRS 534.030. The State retains the right to regulate the use of the water herein granted at any and all times.

The well shall be equipped and maintained to prevent any waste of the geothermal fluid. The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal, and local agencies.

This permit to change 39052 is issued with the following terms:

1. The well under Permit 47252 must be drilled a minimum distance of 1,000 feet from the point of diversion under Permit 47043.
2. Semi-annual pumpage reports must be submitted to the State Engineer on the amount of water diverted and placed to beneficial use.

(PERMIT TERMS CONTINUED ON NEXT PAGE.)

The amount of water to be changed shall be limited to the amount which can be applied to beneficial use, and not to exceed 1.5 cubic feet per second.

Work must be prosecuted with reasonable diligence and be completed on or before May 3, 1986

Proof of completion of work shall be filed before June 3, 1986

Application of water to beneficial use shall be made on or before May 3, 1988

Proof of the application of water to beneficial use shall be filed on or before June 3, 1988

Map in support of proof of beneficial use shall be filed on or before

Completion of work filed

Proof of beneficial use filed

Cultural map filed

Certificate No. Issued

IN TESTIMONY WHEREOF, I, PETER G. MORROS,

State Engineer of Nevada, have hereunto set my hand and the seal of

my office, this 3rd day of MAY

A.D. 1984



State Engineer

3. This permit is restricted to a consumptive use of 543 acre-feet per year, 1/2 of the requested amount, until a record is available which shows no adverse effect on existing rights.
4. If pumpage under this permit has any adverse effect on the existing rights at any future date, then withdrawals may be limited or reinjection of the geothermal fluids may be required.
5. The production well under this permit shall be cemented from the producing levels to the surface to protect fresh water zones. The completion plans of the well must be reviewed and approved by the State Engineer.
6. This permit is issued subject to the condition that only geothermal fluids are to be diverted and used for heating purposes, and fresh, cold water aquifers are not to be diverted or interfered with.